

# **How to Submit Oil Online Completions**

Form W-2

Jacque Teseny, Well Compliance

## Class Synopsis



This presentation is a general overview of how to file Oil Well Completion Reports (W-2) utilizing the Railroad Commission of Texas Online Completion Filing System. By the end of this presentation you will understand how to properly file online completions for oil wells drilled in the State of Texas. During the presentation we will also review common problems that delay the processing and final approval of these filings.

## Navigating to the Online System



#### www.rrc.texas.gov



#### Railroad Commission of Texas Mission Statement

#### The Railroad Commission serves Texas through:

- · our stewardship of natural resources and the environment;
- · our concern for personal and community safety; and
- our support of enhanced development and economic vitality for the benefit of Texans.

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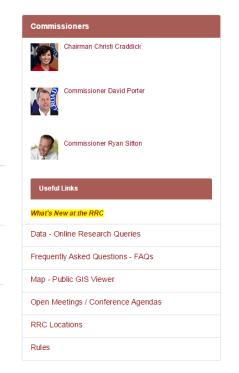
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#### Log In





The RRC Online System allows authorized entities to electronically file certain forms with the Railroad Commission online or through EDI. Forms processed through this system are ones containing data that has been migrated from the Commission's mainframe to an open system environment. Through the RRC Online System, forms can be filed online over the Internet using a web browser, or data files can be uploaded through the application.

#### How to Obtain a User ID:

To utilize the Online Filing system, you must have a User ID that is assigned to you by your company's designated Security Administrator. A company or individual may designate a Security Administrator by completing the Security Administrator Designation (SAD) form and mailing it to the RRC. When the SAD form is processed, the Security Administrator will receive a User ID and a temporary initial password. The Security Administrator will be able to log into the RRC Online System using their assigned User ID and create User IDs for users within their company. They will also be able to assign certain electronic filing rights for those accounts, and perform account maintenance activities (such as resetting passwords) when needed.

If you are uncertain whether your company has a security administrator, please email the Commission at <a href="mailto:rrconline-security@rrc.state.tx.us">rrconline-security@rrc.state.tx.us</a>.

- 1. Read the requirements for participating in online filing.
- Print the SAD form.
- 3. Complete and sign the form then mail it to the RRC, following instructions on Page 2 of the form. When the form is processed, the designated security administrator will receive a User ID and temporary password by email.
- 4. The security administrator will log into the system and assign User IDs and filing rights.

Enter your UserID & Password. If you have forgotten either use the Forgot Password? & Forgot User ID options to have instructions emailed to you.

# Online Applications





New password rules are now in effect for Internal RRC users:

Passwords will expire after 90 days.

Three grace logins are allowed after password expiration.

After a password is changed, it may not be changed again for 24 hours.

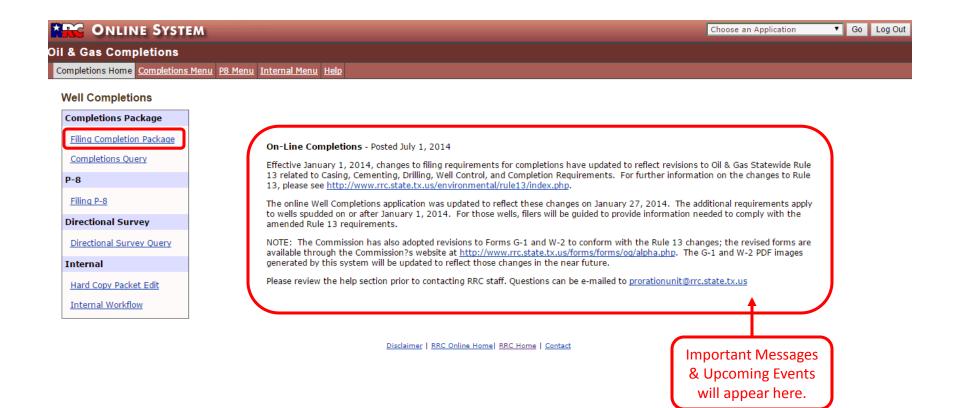
A message will display above when your password is about to expire.

New passwords must meet the following requirements:

- 1) Have a minimum length of 8 characters.
- 2) Have at least one upper or lower case letter AND Have at least one numeric (0-9) OR special character (For example: !, \$, #, %)

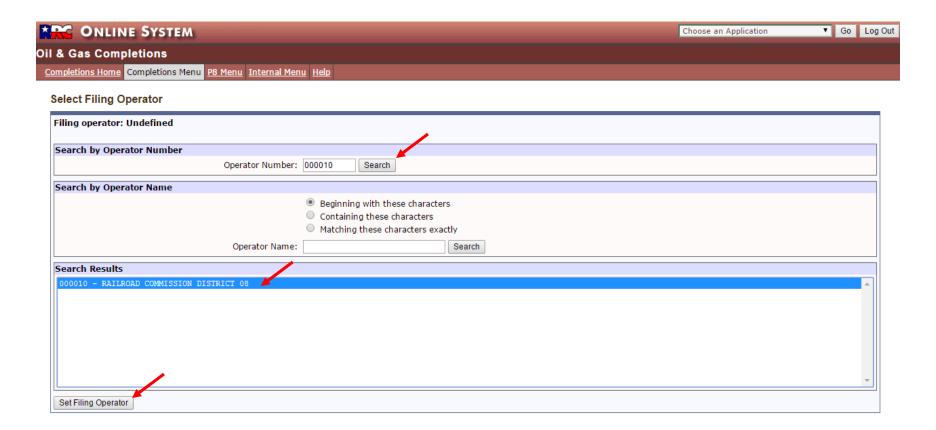
## **Completion Application**





## Select Filing Operator

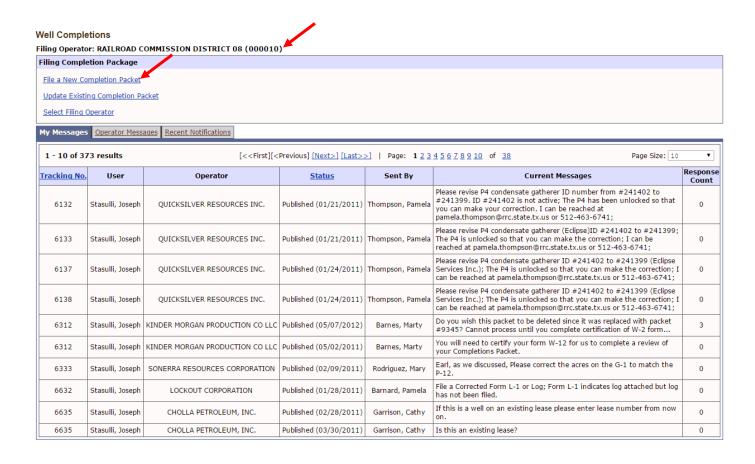




If you are filing as a Consultant/Agent you will need to enter the appropriate Operator information here. If you are filing as an Operator then the online system will automatically select your operator number.

## Filing Options





# Identify the Well



#### Well Completion Package

Filing Operator: RAILROAD COMMISSION DISTRICT 08 (000010)

To create a new Completio entered.	n Package enter a Drilling Permit numb	er or an American	Petroleum Inst	itute (API) Number.	This number will be used to list all th	ne Drilling Permits	associated with the data
Search Clear			mit No.: 74592	or or	Either option may be but the drilling perr number is recommen	nit	
If you wish to update any	nat have the status of <b>Work In Progre</b> of the Packets listed below, click on the <b>npletion Packets</b> menu option.						
0 results		Page: 1 of 1					Page Size: View All ▼
<u>Tracking No.</u>	<u>Drilling Permit No.</u>	API No.	<u>District</u>	Well Type	Completion Type	Well No.	Packet Status

#### Select the Field



#### Wells Found

#### Filing Operator: RAILROAD COMMISSION DISTRICT 08 (000010)



Select the field the well was completed in. If the well is downhole commingled you need to select the primary reporting field specified on your approved SWR-10 letter.

# **Initial Packet Description**



#### **Packet Data**

Filing Operator: RAILROAD COMMISSION DISTRICT 08 (000010)

Packet Summary Data	Submitted: Online
Tracking No.:	Status: Work in Progress (unknown)
Operator Name: RAILROAD COMMISSION DISTRICT	
Field Name: SPRABERRY (TREND AREA)	Completion or Recompletion Date:
Lease Name: HARDY 18	Purpose Of Filing:
RRC District No.: 08	raipose of raing.
RRC Gas ID or Oil Lease No.:	County: GLASSCOCK
Well No.: 8	Drilling Permit No: 745925
API No.: 173-35230	Wellbore Profile:
Retest: Producing wells that are retesting. Wh not making any physical changes in the well, sor openhole or casing records, etc., file your Do not use a W-2 or G-1 completion form.  Reclass: Wells being reclassified to Oil or GE Existing well on schedule being reclassified to Existing UIC well being reclassified to a Proc Examples of UIC wells are Injection, Storage,  Well Record Only May apply to one of the foll  New Drills or Recompletions with no test Shut-In Producer waiting on a pipeline collaboration of the post of the producer waiting on a pipeline collaboration.	such as changes in perforations, rest on a W-10 or G-10.  swells. to a UIC well. fucing or Shut-In well. and Brine Mining.  lowing:
<ul> <li>Change of perforations (same zone no tes</li> </ul>	
<ul> <li>Well number changes</li> <li>Statewide Rule 10 (non-reporting zone)</li> </ul>	
<ul> <li>Wellbore work - add tubing, replaced cas</li> </ul>	
work procedure that changes the configur	ation of the wellbore.
Create Packet Return To Results	
Initial Packet Description	
Purpose Of Filing: Initial Potential	Paguined Inf
Type Of Completion: New Well	Required Inf
Well Type: Producing ▼	]
Wellbore Profile: DIRECTIONAL ▼	Horizontal Wellbore Prof
Type of Completion Packet: Oil / ₩-2 ▼	

### **Packet Description Options**



#### **Purpose Of Filing**

Initial Potential

Retest

Reclass Oil to Gas

Reclass Gas to Oil

**Reclass Injection to Producing** 

**Reclass Producing to Injection** 

Well Record Only

#### **Horizontal Wellbore Profile Type:**

Stacked Lateral

#### **Type of Completion**

New Well

Deepening

Plug Back

Sidetrack

Re-entry

Other/Recompletion

#### **Type of Completion Packet**

Gas / G-1

Oil / W-2

#### **Well Type**

**Producing** 

Shut-In Producer

**Active UIC** 

Shut-In UIC

#### **Wellbore Profile**

Horizontal

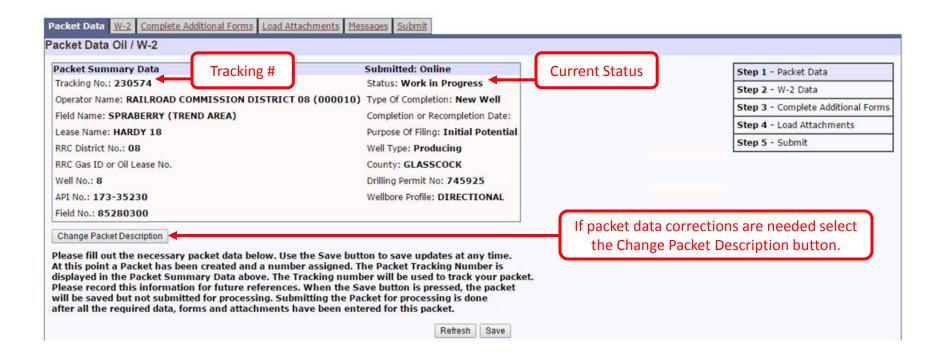
Directional

Vertical

Sidetrack

## Verify Packet Data





### Well Data & Workover Info.

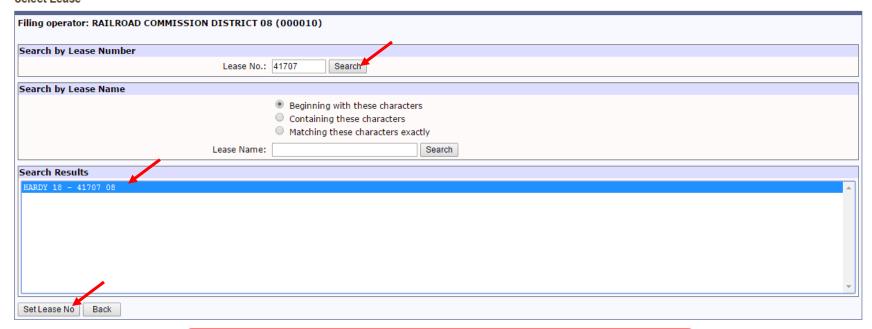


			Refresh	Save					
Well Data									
	Field Name: SPRABER	RY (TREND AREA)				W	/ell No.: 8		
	Lease Name: HARDY 1	8				Well La	atitude: 31.85250		
	County of Well Site: GLASSCO	OCK				Well Lon	gitude: -101.46028		
	RRC District No.: 08					Lat/Lon	g Type: NAD 27 ▼		
RRC 0	Gas ID or Oil Lease No.: 41707	Search Lease				Lat/Long	Other:		
This well is located:	: 1.4 miles in a: SOU	HEAST	direction from	n: GARDEN CI	TY	, w	hich is the nearest town in the c	ounty.	
Date of first produ	ction after rig released: 12/14/20	2 MM/DD/YYYY - If th	e well is not complet	ted, use the dat	e the rig was release	ed.			
	Spud Date: 09/12/20	2 MM/DD/YYYY						1	Required
Type of Ele	ectric or other Log Run: Neutron	/Density logs (combo o	f tools) ▼					J	
Electric	Log Other Description:								
Former Operato	or name if operator has			▼					
changed v	vithin the last 60 days:		This	:	(Cananlatia				
Drill, Plug Back,	or Deepen Permit No.: 745925	Clear		-	'Completio		Date: 09/25/2012		
	Rule 37 Case No.:		Date"	or the o	date the w	ell	Date: MM/DD/	YYYY	
Flui	id Injection Permit No.: F-		is capa	able of p	roduction	by	Date: MM/DD/	YYYY	
O&G Was	te Disposal Permit No.:		flinnin	ng a swit	ch or turni	ng	Date: MM/DD/	YYYY	
	Other Permit No.:		тррп	_		''8	Date: MM/DD/	YYYY	
	Other Description:			a va	ive.				
	Location/Survey: T&P RR (	CO / CHANEY, W E				Surve	y Block: 33 T4S	7	
	Survey Section: 18					Survey A	bstract: 707		
Use the Search but	tton to auto populate data in t	he Recompletion/Recla	ss table.						
	reclass, give former field (wi								
Row	Field & Reservoir	Lease No.	Well Type	Well No.	District Code	Field No.	Prior Service Type		
1			-Select One- ▼				-Select One- ▼	Clear	
2			-Select One- ▼				-Select One- ▼	Clear	
Add Row Search f	or Field & Reservoir								
			Refresh	Save					

## Setting the Lease Number



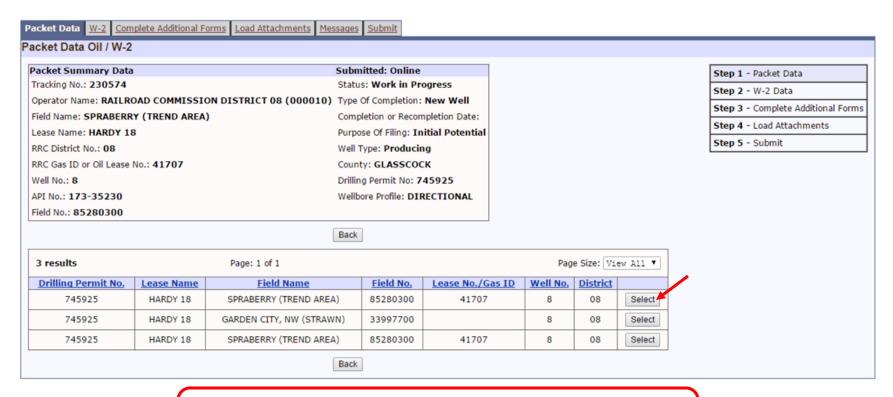
#### Select Lease



If this well is going onto an existing lease then you should be adding the lease number to the packet data at this time.

#### Search for Field & Reservoir





Always use the Search for Field & Reservoir button instead of manually keying the workover information. This will automatically fill in the workover information with the correct field number, well number etc.

# Packet Data Successfully Saved



acket Summary Data	Submitted: Online	Step 1 - Packet Data
racking No.: <b>230574</b>	Status: Work in Progress	Step 2 - W-2 Data
Operator Name: RAILROAD COMMISSION DISTRICT 08 (000010)	Type Of Completion: New Well	Step 3 - Complete Additional F
ield Name: SPRABERRY (TREND AREA)	Completion or Recompletion Date: 12/14/2012	Step 4 - Load Attachments
ease Name: HARDY 18	Purpose Of Filing: Initial Potential	
RC District No.: 08	Well Type: <b>Producing</b>	Step 5 - Submit
RC Gas ID or Oil Lease No.: <b>41707</b>	County: GLASSCOCK	
Vell No.: 8	Drilling Permit No: 745925	
API No.: 173-35230	Wellbore Profile: DIRECTIONAL	
change Packet Description  Lease fill out the necessary packet data below. Use the Save but the sound the necessary packet data below. Use the Save but this point a Packet has been created and a number assigned. The signayed in the Packet Summary Data above. The Tracking numle lease record this information for future references. When the Swill be saved but not submitted for processing. Submitting the Pacter all the required data, forms and attachments have been entered.	he Packet Tracking Number is ber will be used to track your packet. ave button is pressed, the packet icket for processing is done	
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Change Packet Description  ease fill out the necessary packet data below. Use the Save but this point a Packet has been created and a number assigned. T splayed in the Packet Summary Data above. The Tracking numl ease record this information for future references. When the S ill be saved but not submitted for processing. Submitting the Pa ter all the required data, forms and attachments have been ent	The Packet Tracking Number is ber will be used to track your packet. ave button is pressed, the packet icket for processing is done ered for this packet.	Well No.: 8 Well Latitude: 31.85250
Change Packet Description  lease fill out the necessary packet data below. Use the Save but this point a Packet has been created and a number assigned. T splayed in the Packet Summary Data above. The Tracking numl lease record this information for future references. When the Sill be saved but not submitted for processing. Submitting the Pafter all the required data, forms and attachments have been entitle Data  Field Name: SPRABERRY (TREND AREA)	The Packet Tracking Number is ber will be used to track your packet. ave button is pressed, the packet icket for processing is done ered for this packet.	
change Packet Description  ease fill out the necessary packet data below. Use the Save but this point a Packet has been created and a number assigned. It splayed in the Packet Summary Data above. The Tracking numbers are record this information for future references. When the Still be saved but not submitted for processing. Submitting the Pater all the required data, forms and attachments have been entered to the second summary of the s	The Packet Tracking Number is ber will be used to track your packet. ave button is pressed, the packet icket for processing is done ered for this packet.	Well Latitude: 31.85250
change Packet Description  ease fill out the necessary packet data below. Use the Save but this point a Packet has been created and a number assigned. The splayed in the Packet Summary Data above. The Tracking number asserted this information for future references. When the Still be saved but not submitted for processing. Submitting the Pater all the required data, forms and attachments have been entered the second sec	The Packet Tracking Number is ber will be used to track your packet. ave button is pressed, the packet icket for processing is done ered for this packet.	Well Latitude: 31.85250  Well Longitude: -101.46028

### W-2 Page 1 (Potential Test Data)



Packet Data W-2 Complete Additional Forms Load Attachments Messages Submit	
W-2 Oil Well Potential Test, Completion or Recompletion Report, and Log	
Packet Summary Data Submitted: Online	Step 1 - Packet Data
Tracking No.: 230574 Status: Work in Progress	Step 2 - W-2 Data
Operator Name: RAILROAD COMMISSION DISTRICT 08 (000010) Type Of Completion: New Well	Step 3 - Complete Additional Forms
Field Name: SPRABERRY (TREND AREA) Completion or Recompletion Date: 12/1	4/2012 Step 4 - Load Attachments
Lease Name: HARDY 18 Purpose Of Filing: Initial Potential	Step 5 - Submit
RRC District No.: 08 Well Type: Producing	Step 5 Submit
RRC Gas ID or Oil Lease No.: 41707 County: GLASSCOCK	
Well No.: 8 Drilling Permit No: 745925	
API No.: 173-35230 Wellbore Profile: DIRECTIONAL	
Field No.: 85280300	
Refresh Page 1 2 3 4 5 6 S	Save Edit
Potential Test Data	
Date of Test: 12/20/2012 MM/DD/YYYY Hours Tested: 24	• If "Pumping" enter the
Production Method: Pumping ▼ Choke Size:	
If Pumping, Pump Size: 1 1/4" x 26' Pump Type: RHBC	pump size & type.
Was swab used during this test?: ● No ○ Yes	<ul> <li>If "Flowing" enter the</li> </ul>
	choke size.
Oil Produced Prior to Test: 340 BBL	Choke size.
Injection Gas/Oil Ratio: CF/BBL	<ul> <li>The test date should be</li> </ul>
	newer than the
Remarks:	20
Production During Test Period	completion date but
Oil: 154 BBL Gas: 304 MCF	prior to the submittal
Water: 413 BBL Flowing Tubing Pressure: PSIG	
Gas - Oil Ratio: 0 MCF/BBL x 1000	date.
Calculated 24 Hour Rate	
Oil: 154 BBL Gas: 304 MCF	
Water: 413 BBL Oil Gravity: 42 API-60°F	
Casing Pressure: PSIG	
Refresh Page 1 2 3 4 5 6 s	tave Edit

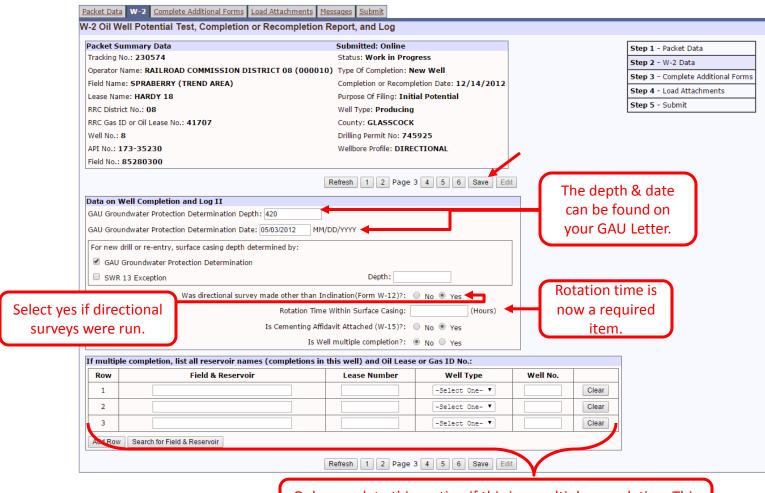
## W-2 Page 2 (Well Completion Data I)



W-2 Oil Well Potential Te	est, Completion or Recompletion Report, and Log	
Packet Summary Data	Submitted: Online	Step 1 - Packet Data
Tracking No.: 230574	Status: Work in Progress	Step 2 - W-2 Data
Operator Name: RAILROAD	COMMISSION DISTRICT 08 (000010) Type Of Completion: New Well	Step 3 - Complete Additional Forms
Field Name: SPRABERRY (1	TREND AREA) Completion or Recompletion Date: 12/14/2012	Step 4 - Load Attachments
Lease Name: HARDY 18	Purpose Of Filing: Initial Potential	Step 5 - Submit
RRC District No.: 08	Well Type: <b>Producing</b>	эсер 5 - Заринс
RRC Gas ID or Oil Lease No.:		
Well No.: 8	Drilling Permit No: <b>745925</b>	
API No.: 173-35230	Wellbore Profile: DIRECTIONAL	
Field No.: 85280300		
	Refresh 1 Page 2 3 4 5 6 Save Edit	If this is the initial
Data on Well Completion a	and Log I	filing this may be
	Number of Producing Wells on this lease in this field	the rig release date.
If this is the initial	(reservoir) including this well: 8	the rig release date.
If this is the initial	Total number of acres on this lease: 642.9	
ling use the "spud" Date Pli	ug Back, Deepening, Recompletion, or Drilling Operations	
date	Commenced: 09/12/2012 MM/DD/YYYY	Ended: 09/24/2012 MM/DD/YYYY
	Location of well, relative to nearest lease boundaries	Off Lease
Lease lines should	of lease on which this well is located: 1513.0 Feet from the	North T Line and
	1787.0 Feet from the	West ▼ Line of the
match the permit		
exactly. If not you need	HARDY 18	Lease.
to add remarks or	Distance to nearest well in this lease & reservoir: 1148.0 feet	
	Elevation: 2617 feet	Elevation Code: ☐ ☐ ▼
possibly amend the	Vertical Depth: 10376 feet	Measured Depth: 10385 feet
permit.	Plug Back Depth - TVD: 10306 feet	Plug Back Depth - MD: 10315 feet

#### W-2 Page 3 (Well Completion Data II)

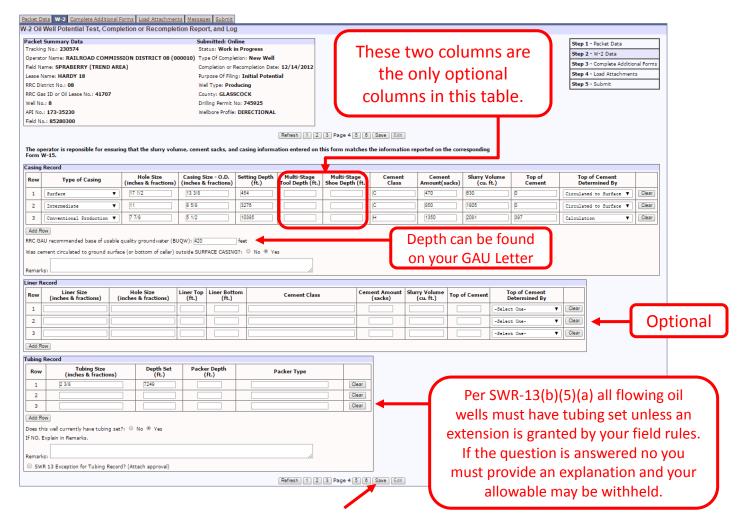




Only complete this section if this is a multiple completion. This section is not for workovers or downhole commingled wells.

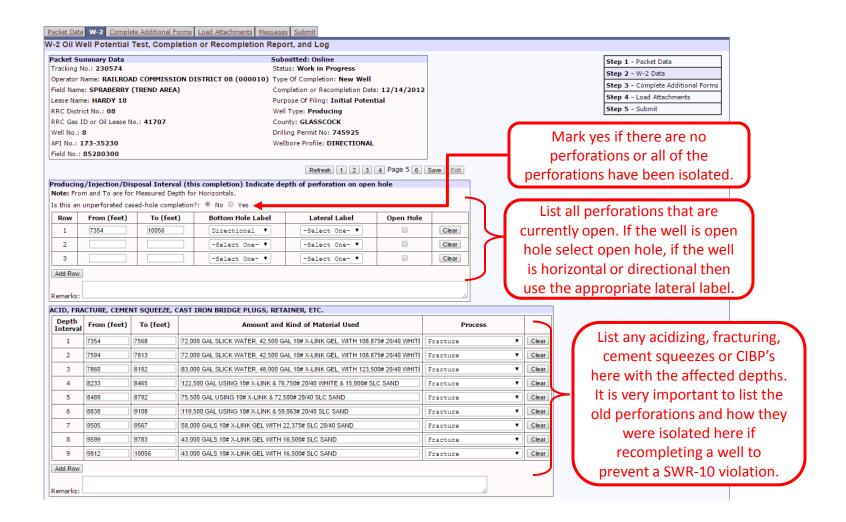
### W-2 Page 4 (Casing, Liner & Tubing)





#### W-2 Page 5 (Producing Interval & Fracture)

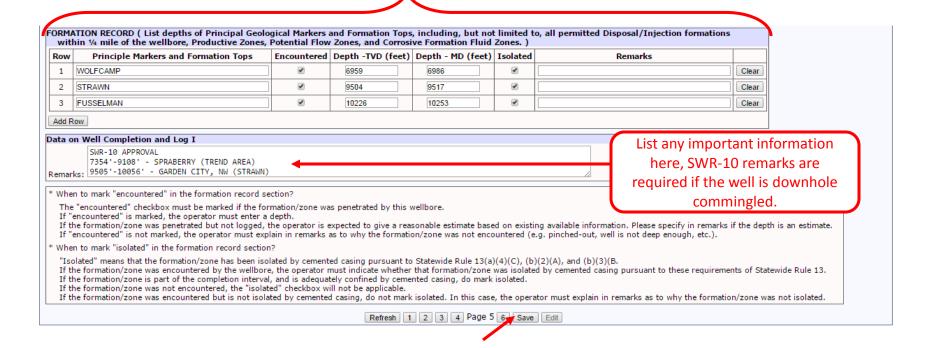




#### W-2 Page 5 (Formation Record)

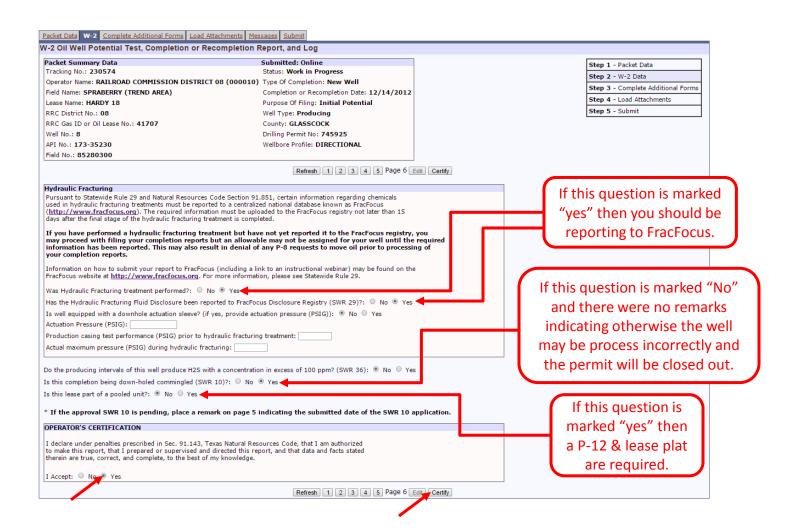


The formation record is required per SWR-13. If the well is directional or horizontal make sure to list both the TVD's & MD's



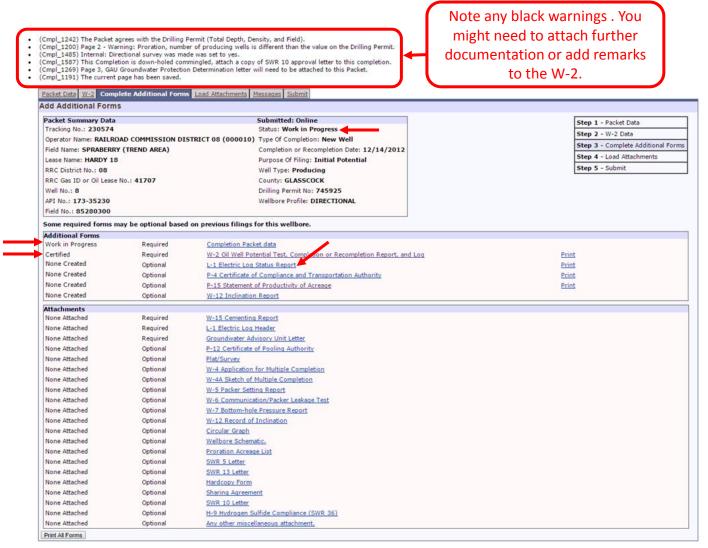
### W-2 Page 6 (Certification Page)





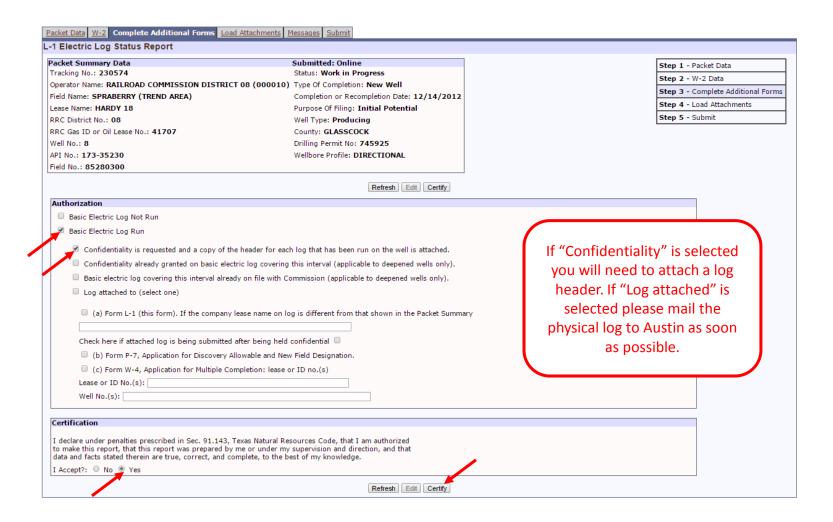
## **Complete Additional Forms**





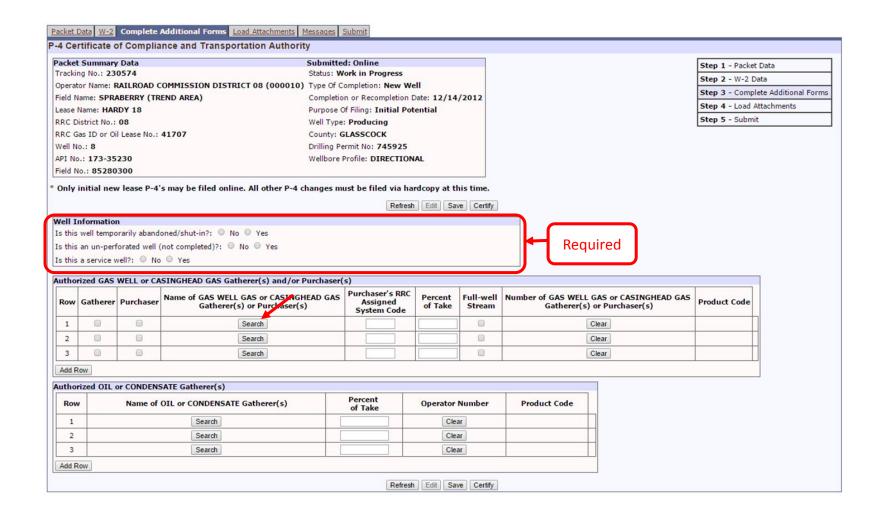
### L-1 (Electric Log Status Report)





## P-4 (Cert. of Compliance & Trans. Authority)





### P-4 (Searching for Gatherer's & Purchasers)

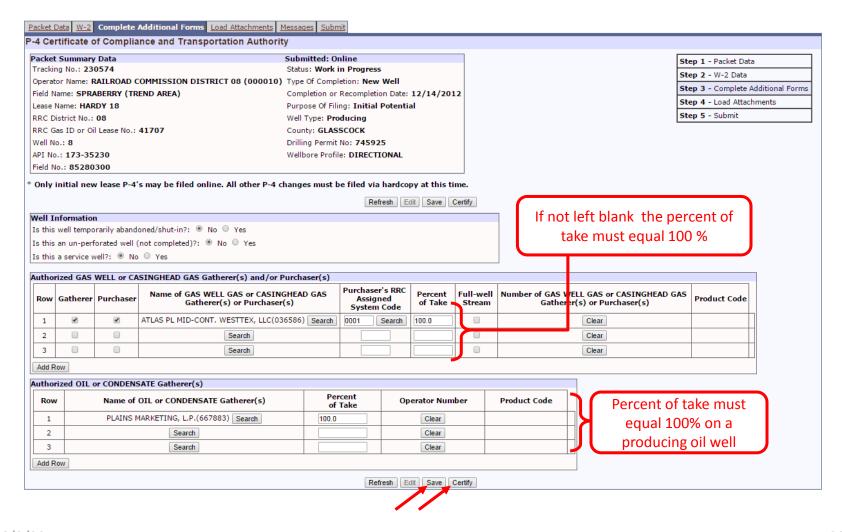


#### **Select Operator**

Filing operator: RAILROAD COMMISSION DISTRICT 08 (000010)	
Search by Operator Number	
Operator No.: Search	
Search by Operator Name	
Beginning with these characters     Containing these characters     Matching these characters exactly  Operator Name: atlas p  Search	
Search Results	
ATLAS POWER EQUIPMENT, LLC(036558)	_
ATLAS POWER INC. (036575)	
ATLAS POWER INC & REISS PET. INC(036577)	
ATLAS PETRO LTD. L.C. (036579)	
ATLAS PROCESSING COMPANY(036580)	
ATLAS PIPELINE MID-CONTINENT LLC(036584)	
ATLAS PL MID-CONT. WESTTEX, LLC(036586)	
	-
Select Operator Back	

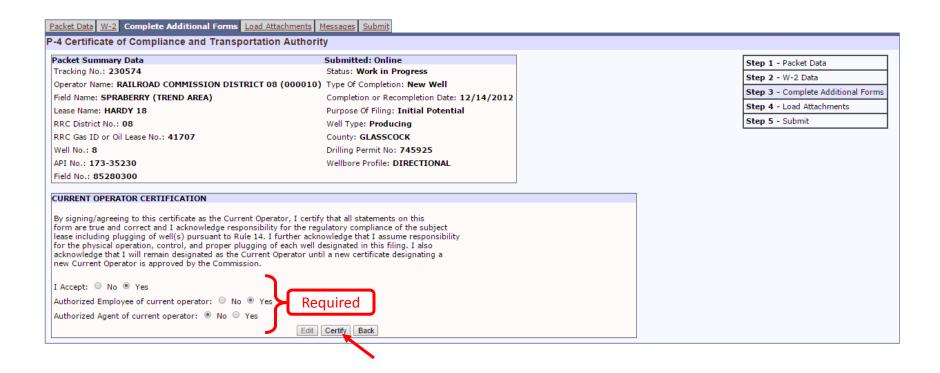
### P-4 (Cert. of Compliance & Trans. Authority)





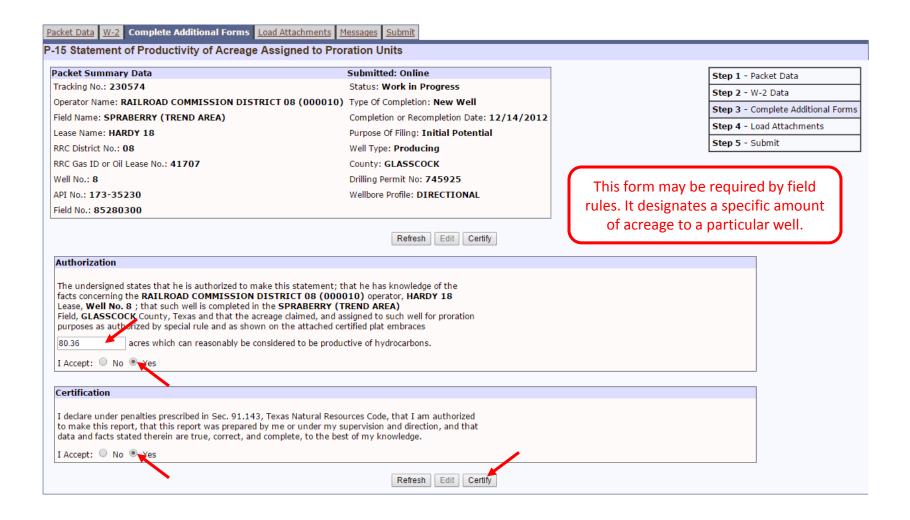
### P-4 (Certification Page)





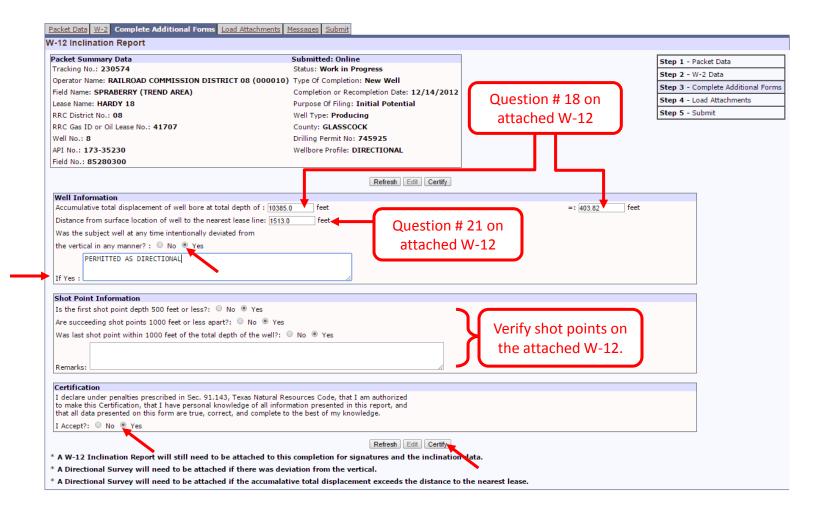
### P-15 (Statement of Productivity of Acreage)





### W-12 (Inclination Report)

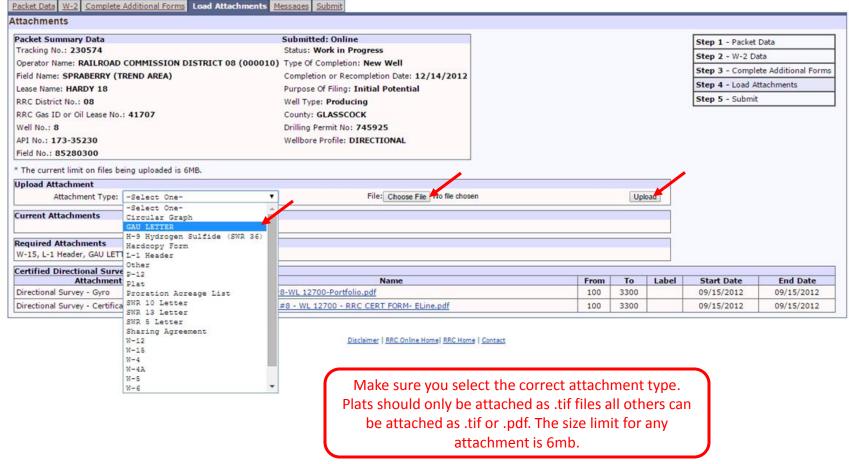




#### **Load Attachments**



(Cmpl\_1588) The Approval Letter (SWR 10) will need to be attached to this packet.



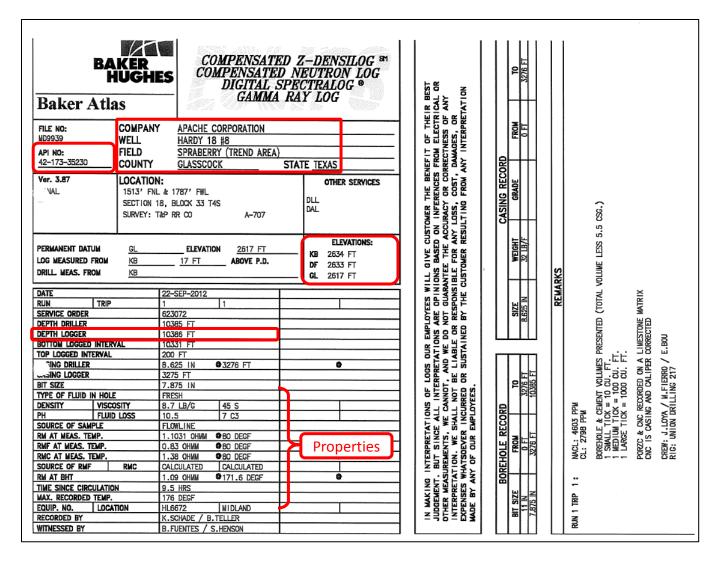
### GAU Letter (G.W. Protection Determ.)



Advisory Unit			
	Date May 3,	2012	GAU File No.: SC- 5865
*	**** EXPEDIT	D APPLICATION ***	** API Number 1730000
Attention: RONDA WHITE			RRC Lease No. 000000
SC_027	200_17300000	_000000_5865.pdf	
		Measured	Digital Map Location:
		467 ft FWL	X-coord/Long 1648792
APACHE CORP 303 VETERANS AIRPARK LN		1980 ft FSL	Y-coord/Lat 794546
STE 3000		MRL: SURVEY	Datum 27 Zone C
MIDLAND TX 79705	5# 027200		
County GLASSCOCK Lease & Well No	HARDY 18 #	3&ALL	Purpose ND
ocation SUR-T&P,BLK-33,TSHP-4S,SEC	C-18,[TD=1	.000],[RRC 8],	
o protect usable-quality groundwater at thi	a lanction the C	complusted Advisors He	ait of the Touce Bailroad
The interval from the land of beds must be protected. The depth between 350 and 400 fe.  This recommendation is adequate.	base of the	Cretaceous is est	timated to occur at a
beds must be protected. The depth between 350 and 400 fe	base of the	Cretaceous is est	timated to occur at a
beds must be protected. The depth between 350 and 400 fe	base of the	Cretaceous is est	timated to occur at a
beds must be protected. The depth between 350 and 400 fe	base of the	Cretaceous is est	timated to occur at a
beds must be protected. The depth between 350 and 400 fe	base of the	Cretaceous is est	timated to occur at a
beds must be protected. The depth between 350 and 400 fe	base of the	Cretaceous is est	timated to occur at a
beds must be protected. The depth between 350 and 400 fe This recommendation is adequated to the state of the	b base of the let.	Cretaceous is est wells drilled in t	cimated to occur at a chis section 18.
beds must be protected. The depth between 350 and 400 fe This recommendation is adequated to the second of the sec	a base of the et.  ate for all  d to apply only to the a	Cretaceous is est wells drilled in t  bisciwell and not for arcs-wide u  ot apply to saftwarder disposal op	cimated to occur at a chis section 18.
beds must be protected. The depth between 350 and 400 fe This recommendation is adequated to the state of the	a base of the et.  ate for all  d to apply only to the a	Cretaceous is est wells drilled in t  bisciwell and not for arcs-wide u  ot apply to saftwarder disposal op	cimated to occur at a chis section 18.
beds must be protected. The depth between 350 and 400 fe This recommendation is adequated the state of the st	a base of the et.  ate for all  d to apply only to the a	Cretaceous is est wells drilled in t  blockwelland not for area-wide u  tapply to sellweater disposal op state tx us, or by mail.	chis section 18.
beds must be protected. The depth between 350 and 400 fe This recommendation is adequ This recommendation is intended tended for normal driffling, production, and pluggling open (RRC Form W14).  You have any questions, please contact us at 512-incerely,    Oppuly speedly sak Omah   Oppuly speedly sak Om	a base of the et.  ate for all  d to apply only to the a	Cretaceous is est wells drilled in t  bisciwell and not for arcs-wide u  ot apply to saftwarder disposal op	c. This recommendation is secration into a monproductive
beds must be protected. The depth between 350 and 400 fe This recommendation is adequated to the state of the	a base of the et.  ate for all  d to apply only to the a	Cretaceous is est wells drilled in t  blockwelland not for area-wide u  tapply to sellweater disposal op state tx us, or by mail.	chis section 18.  This recommendation is secretion into a nonproductive

#### L-1 Header





## Log & Log Header Requirements



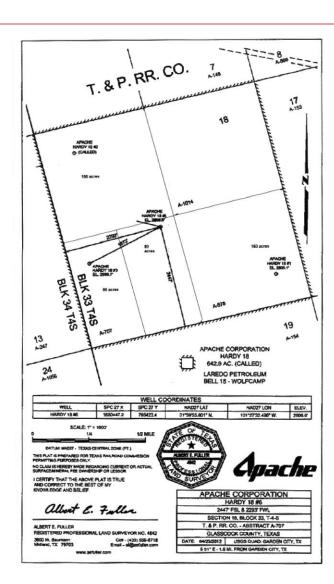
- Company Name
- Lease Name
- Well Number
- Field
- API number
- Elevations
- Fluid/Mud Properties
- Logger depth must cover the producing interval
- Log header must be legible for audit and scanning
- Log must be continuous, not printed on high gloss paper and cannot be altered (i.e. – printed and taped or stapled together)

#### Plat



37

# **Proration Plat Example**



# ease Plat Example.



# **Proration Acreage List**



Oil Lease No./Gas Well ID No: 41707

Lease Name(s): HARDY 18

Operator(s): APACHE CORPORATION 027200

API No.	District	Lea	se No.	Lease Name	Well No.	Field No	Field Name	Acres
17333893		8	41707	HARDY 18	1	85280300	SPRABERRY (TREND AREA)	40.18
17333913		8	41707	HARDY 18	2	85280300	SPRABERRY (TREND AREA)	40.18
17334943		8	41707	HARDY 18	3	85280300	SPRABERRY (TREND AREA)	80.36
17334664		8	41707	HARDY 18		85280300	SPRABERRY (TREND AREA)	40.18
17334947		8	41707	HARDY 18	(	85280300	SPRABERRY (TREND AREA)	40.18
17335229		8	41707	HARDY 18	7	7 85280300	SPRABERRY (TREND AREA)	80.36
17335230		8	41707	HARDY 18	8	85280300	SPRABERRY (TREND AREA)	80.36
17335273		8	41707	HARDY 18	9	85280300	SPRABERRY (TREND AREA)	80.36
17335407		8	41707	HARDY 18	10	85280300	SPRABERRY (TREND AREA)	40
17335408		8	41707	HARDY 18	11	85280300	SPRABERRY (TREND AREA)	40.36
17335879		8	41707	HARDY 18	12	85280300	SPRABERRY (TREND AREA)	40.36
17335880		8	41707	HARDY 18	13	85280300	SPRABERRY (TREND AREA)	40
							ALLOCATED ACRES IN LEASE	642.88
	_	•		red by field ru			TOTAL ACRES IN LEASE	642.9
•				in the specific to each well.			UNALLOCATED ACRES IN LEASE	0.02

#### P-16 (Acreage Designation Section I & II)





#### **RAILROAD COMMISSION OF TEXAS**

1701 N. Congress P.O. Box 12967 Austin, Texas 78701-2967 P-16 Data Sheet (Optional) Page 1

Rev. 09/2014

#### **Acreage Designation**

SECTION	I. OPERATOR INFORMATION							
Operator Name: RAILROAD COMMISSION DISTRICT 08	Operator P-5 No.: 000010							
Operator Address: 10 DESTA DR., SUITE 500 E., MIDLAND, TX 79705	Operator Address: 10 DESTA DR., SUITE 500 E., MIDLAND, TX 79705							
SECTIO	N II. WELL INFORMATION							
District No.: 08	County: GLASSCOCK	Purpose of Filing:						
Well No.: 8	API No.: 173-35230	Drilling Permit Application						
Total Lease Acres: 642.90	Drilling Permit No.: 745925	(Form W-1)						
Lease Name: HARDY 18	Lease No.: 41707	✓ Completion Report						
Field Name: SPRAREDRY (TREND AREA)	Field No. 172 25220	(Form G-1/W-2)						

Filer is the owner or lessee, or has been authorized by the owner or lessee, of all or an undivided portion of the mineral estate under each tract for which filer is listed as operator below. For all leases operated by other entities, the number of assigned acres shown are reflected on current Commission records or the filer has been authorized by the current operator to change the assigned acreage of that operator as shown below.

SECTION III. LISTING OF ALL WELLS IN THE APPLIED-FOR FIELD ON THE SAME ACREAGE AS THE LEASE, POOLED UNIT, OR UNITIZED TRACT DESIGNATED IN SECTION II ABOVE BY FILER									
Well No.	H-Horizontal D-Directional V-Vertical	Lease Name	API No.	Acres Assigned	SWR 38 Except. (Y/N)	Operator Name and Operator No. (if different from filing operator)			
1	V	HARDY 18	173-33893	40.18	N				
2	V	HARDY 18	173-33913	40.18	N				
3	V	HARDY 18	173-34943	80.36	N				
5	٧	HARDY 18	173-34664	40.18	N				
6	٧	HARDY 18	173-34947	40.18	N				
7	٧	HARDY 18	173-35229	80.36	N				
8	D	HARDY 18	173-35230	80.36	N				
9	٧	HARDY 18	173-35273	80.36	N				
10	٧	HARDY 18	173-35407	40.00	Y				
11	٧	HARDY 18	173-35408	40.36	Y				
12	٧	HARDY 18	173-35879	40.36	Y				
13	٧	HARDY 18	173-35880	40.00	Y				
	No.  1 2 3 5 6 7 8 9 10 11 12	Well No.         H-Horizontal D-Directional V-Vertical           1         V           2         V           3         V           5         V           6         V           7         V           8         D           9         V           10         V           11         V           12         V	Well No.         H-Horizontal D-Directional V-Vertical         Lease Name           1         V         HARDY 18           2         V         HARDY 18           3         V         HARDY 18           5         V         HARDY 18           6         V         HARDY 18           7         V         HARDY 18           8         D         HARDY 18           9         V         HARDY 18           10         V         HARDY 18           11         V         HARDY 18           12         V         HARDY 18	Well No.         H-Horizontal D-Directional V-Vertical         Lease Name         API No.           1         V         HARDY 18         173-33893           2         V         HARDY 18         173-33913           3         V         HARDY 18         173-34943           5         V         HARDY 18         173-34964           6         V         HARDY 18         173-34947           7         V         HARDY 18         173-35229           8         D         HARDY 18         173-35230           9         V         HARDY 18         173-35273           10         V         HARDY 18         173-35407           11         V         HARDY 18         173-35679	Well No.         H-Horizontal D-Directional V-Vertical         Lease Name         API No.         Acres Assigned           1         V         HARDY 18         173-33893         40.18           2         V         HARDY 18         173-33913         40.18           3         V         HARDY 18         173-34943         80.36           5         V         HARDY 18         173-34664         40.18           6         V         HARDY 18         173-34947         40.18           7         V         HARDY 18         173-35229         80.36           8         D         HARDY 18         173-35230         80.36           9         V         HARDY 18         173-35273         80.36           10         V         HARDY 18         173-35407         40.00           11         V         HARDY 18         173-35408         40.36           12         V         HARDY 18         173-35879         40.36	Well No.         H-Horizontal D-Directional V-Vertical         Lease Name         API No.         Acres Assigned         SWR 38 Except. (Y/N)           1         V         HARDY 18         173-33893         40.18         N           2         V         HARDY 18         173-33913         40.18         N           3         V         HARDY 18         173-34943         80.36         N           5         V         HARDY 18         173-34664         40.18         N           6         V         HARDY 18         173-34947         40.18         N           7         V         HARDY 18         173-35229         80.36         N           8         D         HARDY 18         173-35230         80.36         N           9         V         HARDY 18         173-35273         80.36         N           10         V         HARDY 18         173-35407         40.00         Y           11         V         HARDY 18         173-35408         40.36         Y           12         V         HARDY 18         173-35879         40.36         Y			

#### P-16 (Acreage Designation Section III & IV)



SEC	TION III.		/ELLS IN THE APPLIED-FOR FIELD				, POOLED UNIT,
RRC ID No. or Lease No.	Well No.	H-Horizontal D-Directional V-Vertical	UNITIZED TRACT DESIGNATED IN  Lease Name	API No.	Acres Assigned	SWR 38 Except. (Y/N)	Operator Name and Operator No. (if different from filing operato
41707	1	V	HARDY 18	173-33893	40.18	N	(
41707	2	V	HARDY 18	173-33913	40.18	N	
41707	3	V	HARDY 18	173-34943	80.36	N	
41707	5	V	HARDY 18	173-34664	40.18	N	
41707	6	V	HARDY 18	173-34947	40.18	N	
41707	7	V	HARDY 18	173-35229	80.36	N	
41707	8	D	HARDY 18	173-35230	80.36	N	
41707	9	V	HARDY 18	173-35273	80.36	N	
41707	10	V	HARDY 18	173-35407	40.00	Υ	
41707	11	V	HARDY 18	173-35408	40.36	Y	
41707	12	V	HARDY 18	173-35879	40.36	Υ	
41707	13	V	HARDY 18	173-35880	40.00	Y	
otal Well Count >	12	000.00 642.90 642.88 000.02	< A. Total Assigned Horiz. Acre < Total Remaining Horiz. Acre < B. Total Assigned Vert./Dir. A < Total Remaining Vert./Dir.	reage Acreage	642.88 000.02		Assigned Acreage Remaining Acreage
		SEC	TION IV. REMARKS / PURPOSE	OF FILING (see i	instructions)		
-15 & ACRE	AGE L	IST					
ttach Additional P	ages As N	leeded.	No additional pages	Additional Page	es:(No	o. of additio	onal pages)
			d in Sec. 91.143, Texas Natural Res				, , ,
ection, that I am aut	horized to	make this report, a	nd that the information contained in REGULATORY ANA				TATE.TX.US
gnature			Name and title (type or print)			le email add	ress only if you affirmatively

#### SWR-10 Letter (Downhole Commingling)



BARRY T. SMITHERMAN, CHAIRMAN DAVID PORTER, COMMISSIONER CHRISTI CRADDICK, COMMISSIONER



GIL BUJANO, P.E. DIRECTOR, OIL AND GAS DIVISION

#### RAILROAD COMMISSION OF TEXAS

OIL AND GAS DIVISION

January 28, 2013

APACHE CORPORATION
ATTN: REGULATORY DEPARTMENT
2000 POST OAK BLVD STE 100
HOUSTON TX 77056

#### RE: APPLICATION FOR EXCEPTION TO SWR 10

LEASE: HARDY 18 WELL NO. 8 GLASSCOCK COUNTY, DISTRICT 08, TEXAS API NO. 173-35230

111110.175 55250	
FIELD NAME	FIELD NO.
SPRABERRY (TREND AREA)	85280300
GARDEN CITY, NW (STRAWN)	33997700
HVDROGEN SILL FIDE RESTRI	CTION: NO

The Commission has approved your application to down-hole commingle production within the above-referenced wellbore from the SPRABERRY (TREND AREA); and GARDEN CITY, NW (STRAWN) fields in GLASSCOCK County, Texas. For allowable and reporting purposes, the well will be assigned to the SPRABERRY (TREND AREA) field. It will be necessary to have or obtain Commission authority to complete this well in each of the subject zones (Form W-1 approval). The effective date of this SWR 10 Exception is January 25, 2013. This exception to SWR 10 will expire if not used within two (2) years from the date of this permit. This expiration date is January 29, 2015.

Acreage assigned to the referenced well for allocation of allowable shall not be assigned to any other well or wells projected to or completed in the above-referenced fields; such duplicate assignment of acreage is not acceptable, provided, however, that this limitation shall not prevent the reformation of development or proration units so long as no duplicate assignment of acreage occurs, and further, that such reformation does not violate other conservation regulations.

The maximum daily allowable for the combined production will be limited to the top allowable for the SPRABERRY (TREND AREA) field and will become effective upon receipt of Form W-2 showing combined completion data and results of a 24-hour production test taken after the physical work of down hole commingling has been completed. Please indicate in "remarks" the reason for filing this report, giving date of Commission approval of this Rule 10 exception.

1701 NORTH CONGRESS AVENUE \* POST OFFICE BOX 12967 \* AUSTIN, TEXAS 78711-2967 \* PHONE: 512/463-4838 \* FAX: 512/463-6955 TIDD 800/735-2989 \* AN EQUAL OPPORTUNITY EMPLOYER \* http://www.rrc.siste.rc.us Page 1 of 2 Application for Exception to SWR 10, January 28, 2013 HARDY 18 — WELL NO. 8, API NO. 173-35230

Should secondary recovery operations be initiated in either of these reservoirs, it may be necessary to segregate these zones. If surface-commingling authority has been granted, it may be necessary to amend or cancel this authority.

#### Permit conditions:

The completion report for the commingled well must indicate which perforations belong to which field. The Commission may also require a wellbore diagram to be filed with the completion report for the commingled well. If filed, the wellbore diagram must indicate which perforations belong to which field.

Note: The distribution of this document will be by E-MAIL ONLY. E-mail sent to keisha.stark@apachecorp.com.

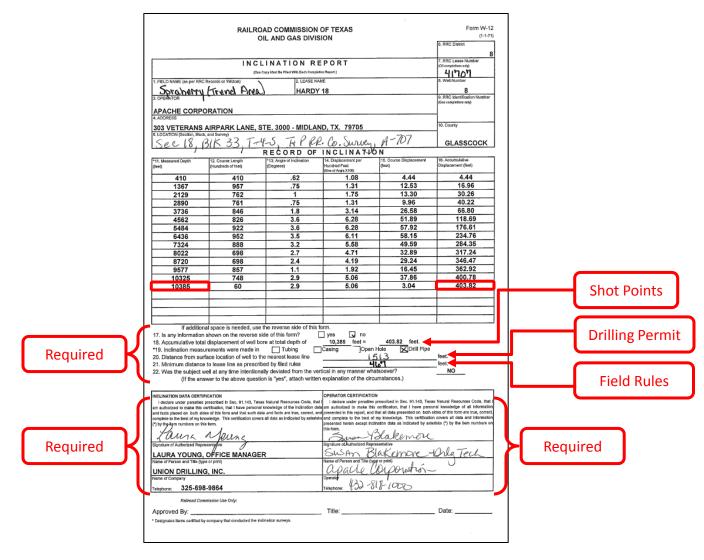
If you have any questions, you may contact the engineering unit in the Austin office at 512-475-2307

1701 NORTH CONGRESS AVENUE \* POST OFFICE BOX 12967 \* AUSTIN, IEXAS 78711-2967 \* PHONE: 512443-4838 \* FAX: 512463-6955 TDD 800/735-2989 \* AN EQUAL OPPORTUNITY EMPLOYER \* http://www.rc.tatae.rc.us Page 2 of 2

6/8/2015 41

#### W-12 (Inclination Report)





# W-15 (Cementing Report)



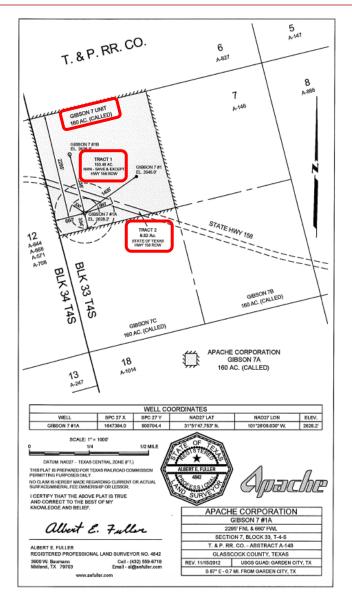
		P.O. Bo	Congress ox 12967 ox 78701-2967		Form W-15 Rev. 08/201 enter: Fill in shaded areas.
(a. V.	S			1153500	rator: Fill in other items.
- Diffe	/		NG REPORT	Lake	storrin in built items.
CHARLES STATES		OPERATOR	INFORMATION		<b>第一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个</b>
	che Corporation			27200	
Cementer Name: Basi	ic Energy Services		Cementer P-5 No.: (	154313	And the state of t
Harry Company	AND PARTIES A	WELLIN	ORMATION	THE PERSON NAMED IN	TO STORE WHEN THE
District No.: 08 Well No.: 2110			County: Glasscock	I putting po	
Lease Name: Barba Nor	at		API No.: 42 -173	-36 92)   Onling Per	mit No.:796957
	Use (tusselmo	un)	Field No.: 4643	A200	
NO. WOLLD'S CORNER	Marie Control		MENTING DATA	THE REAL PROPERTY.	Sales Carlo Marca 1942
Type of casing:	Conductor X Sur			Production	
	17 1/2"				de esta esta esta esta esta esta esta est
Drilled hole size (in.):		Depth of drilled hole	The state of the s		ole enlargement: 33%
Size of casing in O.D. (in		Casing weight (lbs/ft)		40 No. of centralizers u	
Was cement circulated t		ttom of cellar) outside using, explain in Remarks.	Setting depth shoe (fi	7	The state of the s
Contract of the Contract of th	and the same of th	Control of the Contro	436	Setting dept	
Hrs. waiting on cement I	before drill-out:  5 .5			Cementing date:	11-27-14
Slurry No.	No. of Sacks	Class	URRY Additives	Volume (cu. ft.)	Height (ft.)
1	436	C	See Remarks	584	841'
2	150		Dec Remarks	301	041
3			the standard of the standard o		A STATE OF THE STA
Total	436	C	See Remarks	584	841'
ALL THE PARTY OF T	ALSO BE - PERSON	II. CASING CE	MENTING DATA	THE PARTY OF THE P	RIGHT CHAPTER
Type of casing: Surf	ace Intermediate	Production Taper		ilti-stage cement shoe	Multiple parallel strings
Drilled hole size (in.):		Depth of drilled hole (	ft.):	Est. % wash-out or he	ole enlargement:
Size of casing in O.D. (in.	Je	Casing weight (lbs/ft)		No. of centralizers us	
Tapered string drilled ho		anning margine (res) of	Tapered string depth		
Upper:	Lower:	No. of the last of	Upper:	Lower:	
Upper: Tapered string size of cas	sing in O.D. (in.)	Tapered string casing w	eight(lbs/ft) and grade	Tapered string no. of	
Upper: Tapered string size of cas Upper:	sing in O.D. (in.) Lower:	Upper:	eight(lbs/ft) and grade Lower:	Tapered string no. of Upper:	Lowers
Upper: Tapered string size of cas Upper:	sing in O.D. (in.) Lower:		eight(lbs/ft) and grade Lower:	Tapered string no. of	Lowers
Upper: Tapered string size of cas Upper: Was cement circulated to	sing in O.D. (in.) Lower: o ground surface (or bot	Upper:	eight(lbs/ft) and grade Lower: ng? YES NO	Tapered string no. of Upper:	Lowers
Upper: Tapered string size of cas Upper: Was cement circulated to Hrs. waiting on cement b	sing in O.D. (in.) Lower: o ground surface (or bot pefore drill-out;	Upper: ttom of cellar) outside cas! Calculated top of ceme SLU	eight(lbs/ft) and grade Lower: ng? YES NO ent (ft.):	Tapered string no. of Upper: Setting depth shoe {f Cementing date:	Lower:
Upper: Tapered string size of cas Upper: Was cement circulated to Hrs. waiting on cement b Slurry No.	sing in O.D. (in.) Lower: o ground surface (or bot	Upper: ttom of cellar) outside casl Calculated top of ceme	eight(ibs/ft) and grade Lower; ng? YES NO ent (ft.):	Tapered string no. of Upper: Setting depth shoe {f	Lowers
Upper: Tapered string size of cas Upper: Was cement circulated to Hrs. waiting on cement b  Slurry No. 1	sing in O.D. (in.) Lower: o ground surface (or bot pefore drill-out;	Upper: ttom of cellar) outside cas! Calculated top of ceme SLU	eight(lbs/ft) and grade Lower: ng? YES NO ent (ft.):	Tapered string no. of Upper: Setting depth shoe {f Cementing date:	Lower:
Upper: Tapered string size of cas Upper: Was cement circulated to Hrs. waiting on cement b Slurry No. 1 2	sing in O.D. (in.) Lower: o ground surface (or bot pefore drill-out;	Upper: ttom of cellar) outside cas! Calculated top of ceme SLU	eight(lbs/ft) and grade Lower: ng? YES NO ent (ft.):	Tapered string no. of Upper: Setting depth shoe {f Cementing date:	Lower:
Upper: Tapered string size of cas Upper: Was cement circulated to Hrs. waiting on cement b  Slurry No. 1	sing in O.D. (in.) Lower: o ground surface (or bot pefore drill-out;	Upper: ttom of cellar) outside cas! Calculated top of ceme SLU	eight(lbs/ft) and grade Lower: ng? YES NO ent (ft.):	Tapered string no. of Upper: Setting depth shoe {f Cementing date:	Lower:
Upper: Tapered string size of cas Upper: Was cement circulated to Hrs. waiting on cement b  Slurry No.  1 2 3	sing in O.D. (in.) Lower: o ground surface (or bot pefore drill-out;	Upper: ttom of cellar) outside cast  Calculated top of ceme  SLU  Class	eight(lbs/ft) and grade Lower: ngg? YES NO not (ft.): PRRY Additives	Tapered string no. of Upper: Setting depth shoe {f Cementing date:	Lower:
Upper: Tapered string size of cat Opper: Was cement circulated t Hrs. waiting on cement b Slurry No. 1 2 3 Total	sing in O.D. (in.) Lower: o ground surface (or bot before drill-out; No. of Sacks	Upper: ttom of cellar) outside cast  Calculated top of cem  SLU  Class	eight(lbs/ft) and grade Lower: ng?	Tapered string no. of Upper: Setting depth shoe {f Cementing date: Volume {cu.ft.}	Lower: t.):  Height (ft.)
Upper: Tapered string size of cat Upper: Was cement circulated te Hrs. waiting on cement b Slurry No.  1 2 3 Total  Type of casing: Surface	sing in O.D. (in.) Lower: o ground surface (or bot before drill-out; No. of Sacks	Upper:  Itom of cellar) outside cast  Calculated top of cem  SIL  Class  III. CASING CE  Production Tapered	eight(lbs/ft) and grade Lower: ng?	Tapered string no. of Upper: Setting depth shoe (f Cementing date: Volume (cu. ft.)	Lower: t]:  Height (ft.)  Multiple parallel strings
Upper: Tapered string size of ear Upper: Was cement circulated to Hrs. waiting on cement b Slurry No.  1 2 3 Total  Type of casing: Surfac Drilled hole size (in.):	sing in O.D. (in.) Lower: o ground surface (or bot before drill-out: No. of Sacks	Upper: ttom of ceilar) outside cast Calculated top of ceme St. Class  Class  Illicontrol Taperee Depth of drilled hole (f	eight(lks/ft) and grade Lowers grage Yes No ent (ft.): RRY Additives  MENTING DATA.  production Multi t.):	Tapered string no. of Upper: Setting depth shoe (f Cementing date: Volume (cu. ft.)  -stage cement/DV tool [ Est. % wash-out or hc	Lower: t.,):  Height (ft.)  Multiple parallel strings le enlargement:
Upper: Tapered string size of cat Was cament circulated to Hrs. waiting on cement b Slurry No. 1 2 3 Total  Type of casing: Surfac Drilled hole size (in.): Size of casing in O.D. (in.)	sing in O.D. (in.) Lower: opround surface (or bot perfore drill-out: No. of Sacks	Upper:  Itom of cellar) outside cast  Calculated top of cem  SIL  Class  III. CASING CE  Production Tapered	eight[lks/ft] and grade Lower: grage	Tapered string no. of Upper: Setting depth shoe (f Cementing date: Volume (cu. ft.)  Volume (cu. ft.)  Stage cement/DV tool [ Est. % wash-out or ho. No. of centralizers us	Lower: t.,):  Height (ft.)  Multiple parallel strings le enlargement:
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	nting Date		Marie San					
	hole or pipe (in.)	-		_				
	to bottom of tubing or drill pipe (ft.) at retainer setting depth (ft.)		_			-		
		-						
	etting depth (ft.)	-				-		
	nt of cement on top of CIBP (ft.)					-		
	of cement used			-	-			
	volume pumped (cu. ft.)					E STATE OF		
	ated top of plug (ft.)			-				-
	red top of plug, if tagged (ft.) weight (lbs/gal)							
	ype of cement		100					
	ype or cement ate and squeeze (YES/NO)		-					And the second
Periora	ate and squeeze (TES/NO)							
EMENT	1-436 Class C will 2% CACIF + 25gpu Colloilde 20xx se Surface FEN'S CERTIFICATE: I declare under pen- tion, that the cementing of casing and/or			.43, Texas Nat				
upervisi ertificat	ion, and that the cementing data and facts tion covers cementing data only.	presented on b	oth sides of th	is form are tru	e, correct, and	complete, to t	he best of my	knowledge. This
	Webb, Staff Assistant nd title of cementer's representative	Bas	sic Energy Services Cementing C		_ <u> </u>	gnature	wer	)
P. O. B	30x 10451	Midland	TX 79	7702	432-687-199	4	12-	3-14
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#### P-12 (Certificate of Pooling Authority)

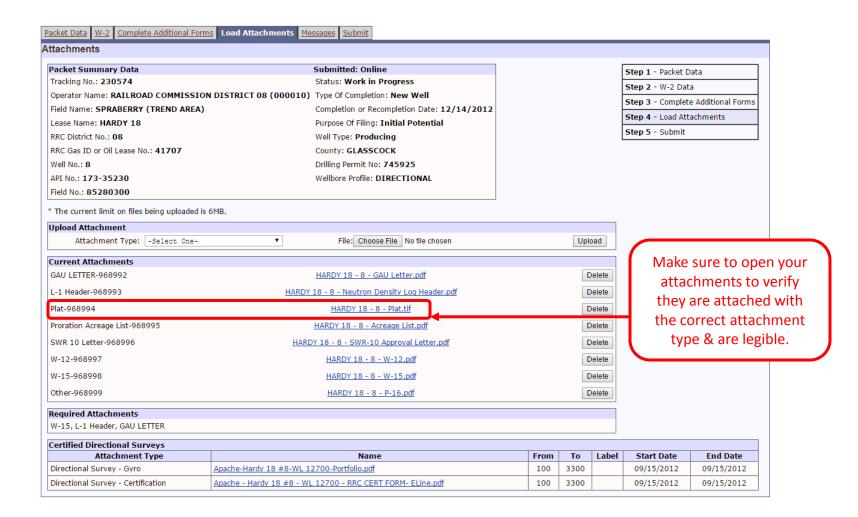


ww.rrc.state.tx.us	-2967	AUTHORITY ised 05/2001	P-12
. Field Name(s)		Lease/ID Number (if assigned	
	(TREND AREA)	39874	08
Operator Name APACHE COF	PORATION	<ol> <li>Operator P-5 Number 027200</li> </ol>	6. Well Number 1A
Pooled Unit Name		8. API Number	9. Purpose of Filing
GIBSON 7 UN	IIT	42-173-34572	☑ Drilling Permit (W-1)
0. County GLASSCOCK		11.Total acres in pooled unit 160	Completion Report
	DESCRIPTION OF INDIVIDUAL TRACT	S CONTAINED WITHIN THE PO	OOLED UNIT
RACT/PLAT	RACT	ACRES IN TRACT	Indicate Undivided Interests Unleased Non-Pooled
RACT 1	NW/4- EXCEPT HWY 158 ROW	153.48	п
RACT 2	STATE OF TX HWY 158 ROW	6.52	пп
			Н. Н.
	1-21(972-21-21-21-21-21-21-21-21-21-21-21-21-21		
			пп
regoing statemer	nalties prescribed pursuant to the Sec. 91.14 its and that the information provided by me ate to the best of my knowledge.		
REGULATORY	0		(432) 818-1181
tle	E-mail (ir avallable)	Date	Phone
When two or m Rule 38(d)(3) th The certified pla identifier and as If within an indiv If the Purpose of	keference: Statewide Rules 31, 38 and 40 roce tracts are pooled to form a unit to obtain a dr operator must file an original Certificate of Poolin t shall designate each tract with an outline and sociated information listed on the Certificate, dual tract, a non-pooled and/or unleased interest Filing is to obtain a drilling permit, in box #1 list sted on Form W-1.	ng Authority and certified plat.  a tract identifier. The tract identifier of exists, indicate by checking the appraall applicable fields separately or ent	on the plat shall correspond to the trac opriate box. er "All Fields" if the Certificate pertains
If within an indiv If the Purpose of	dual tract, a non-pooled and/or unleased interest f Filing is to obtain a drilling permit, in box #1 list		er



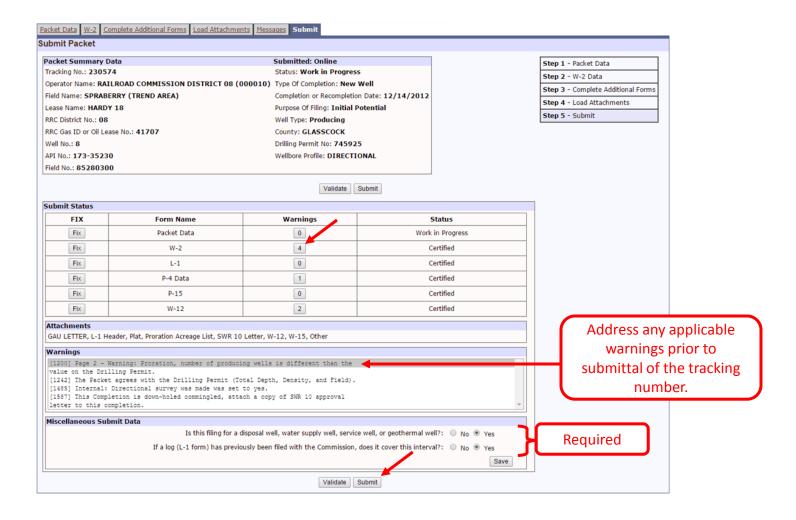
# Verify Attachments





### Submittal Page





# **Submit Forms Lacking**





#### **Finished**



- (Cmpl\_1275) The Packet has been submitted successfully.
- (Cmpl\_1340) Upon review of your filing by RRC Staff, additional forms/attachments/information may be required.



# Message Review



#### **Well Completions**

Filing Operator: APACHE CORPORATION (027200)

#### Filing Completion Package

File a New Completion Packet

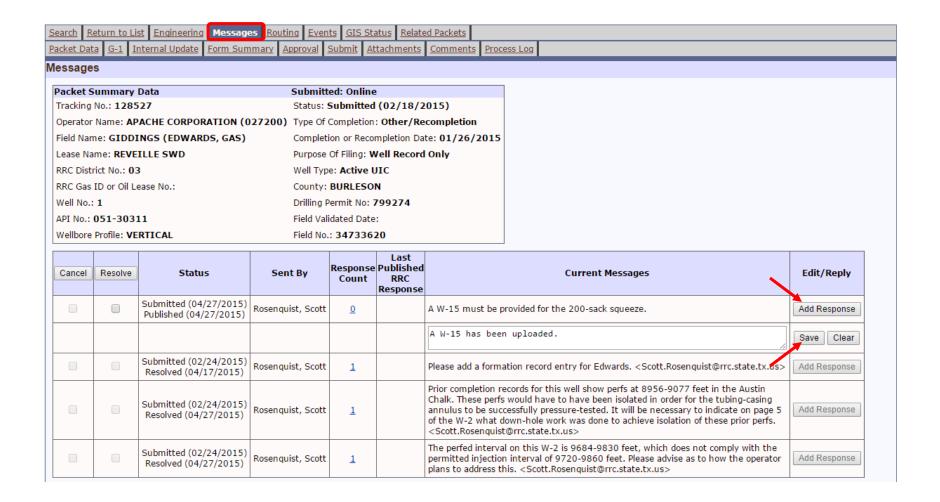
Update Existing Completion Packet

Select Filing Operator

the message. (karen.cassidy@rrc.state.tx.us)** [message date: 02/27/2015]  128527 Moughon, Debbie APACHE CORPORATION Published (02/24/2015) Rosenquist, Scott Scott.Rosenquist@rrc.state.tx.us>  Moughon, Debbie APACHE CORPORATION Published (02/24/2015) Rosenquist, Scott Rosenquist@rrc.state.tx.us>  The perfed interval on this W-2 is 9684-9830 feet, which does not comply with the permitted injection interval of 9720-9860 feet. Please advise as to how the operator plans to address this. <scott.rosenquist@rrc.state.tx.us>  Prior completion records for this well show perfs at 8956-9077 feet in the Austin Chalk. These perfs would have to have been isolated in order for the tubing-casing annulus to be successfully pressure-tested. It will be necessary to indicate on page 5 of the W-2 what down-hole work was done to achieve isolation of these prior perfs. <scott.rosenquist@rrc.state.tx.us>  APACHE CORPORATION Published (03/11/2015) Lewis, Kayleigh Smith, Christine APACHE CORPORATION Published (03/11/2015) Lewis, Kayleigh Please submit to jeffery.morgan@rrc.state.tx.us, thank you.</scott.rosenquist@rrc.state.tx.us></scott.rosenquist@rrc.state.tx.us>	•	:: 1 2 3 4 5 6 7 8 9 10 of 11 Page Size: 10	results	1 - 10 of 105			
129394   Starr, Sherene   APACHE CORPORATION   Published (03/12/2015)   Hitchcock, Ivy   Attachments tab has been opened, per an Operator request.	Response Count	Current Messages	Sent By	<u>Status</u>	Operator	User	Fracking No. 🕇
Hopkins, Madeleine Hopkins, Made	0	Attachments tab has been opened at the Operator's request.	Hitchcock, Ivy	Published (03/13/2015)	APACHE CORPORATION	Starr, Sherene	130362
Hopkins, Madeleine APACHE CORPORATION Published (02/27/2015)  APACHE CORPORATION Published (02/27/2015)  APACHE CORPORATION Published (02/27/2015)  APACHE CORPORATION Published (02/24/2015)  APACHE CORPORATION Published (03/11/2015)  APACHE	0	Attachments tab has been opened, per an Operator request.	Hitchcock, Ivy	Published (03/12/2015)	APACHE CORPORATION	Starr, Sherene	129394
Moughon, Debbie APACHE CORPORATION Published (02/24/2015) Rosenquist, Scott     Moughon, Debbie APACHE CORPORATION Published (02/24/2015) Rosenquist, Scott     Moughon, Debbie APACHE CORPORATION Published (02/24/2015) Rosenquist, Scott     Moughon, Debbie APACHE CORPORATION Published (02/24/2015) Rosenquist, Scott     Moughon, Debbie APACHE CORPORATION Published (02/24/2015) Rosenquist, Scott     Moughon, Debbie APACHE CORPORATION Published (02/24/2015) Rosenquist, Scott     Moughon, Debbie APACHE CORPORATION Published (02/24/2015) Rosenquist, Scott     Moughon, Debbie APACHE CORPORATION Published (02/24/2015) Rosenq	1	on your online W-12 to "yes" as your attached W-12 shows that all shot points were taken at intervals of 1000' or less. **Please respond to this message via the "add response" button AND also email us to expedite review and resolution of	Cassidy, Karen	Published (02/27/2015)	APACHE CORPORATION	Hopkins, Madeleine	<u>129156</u>
Moughon, Debbie APACHE CORPORATION Published (02/24/2015) Rosenquist, Scott the permitted injection interval of 9720-9860 feet. Please advise as to how the operator plans to address this. < Scott.Rosenquist@rrc.state.tx.us>  Moughon, Debbie APACHE CORPORATION Published (02/24/2015) Rosenquist, Scott Chalk. These perfs would have to have been isolated in order for the tubing-casing annulus to be successfully pressure-tested. It will be necessary to indicate on page 5 of the W-2 what down-hole work was done to achieve isolation of these prior perfs. <scott.rosenquist@rrc.state.tx.us>  APACHE CORPORATION Published (03/11/2015) Lewis, Kayleigh APACHE CORPORATION Published (03/11/2015) Lewis, Kayleigh Please submit to jeffery.morgan@rrc.state.tx.us, thank you.</scott.rosenquist@rrc.state.tx.us>	0		Rosenquist, Scott	Published (02/24/2015)	APACHE CORPORATION	Moughon, Debbie	128527
Moughon, Debbie APACHE CORPORATION Published (02/24/2015) Rosenquist, Scott Chalk. These perfs would have to have been isolated in order for the tubing-casing annulus to be successfully pressure-tested. It will be necessary to indicate on page 5 of the W-2 what down-hole work was done to achieve isolation of these prior perfs. <scott.rosenquist@rrc.state.tx.us>  APACHE CORPORATION Published (03/11/2015) Lewis, Kayleigh 316 over the GAU depth- only allowed to drill up to 200' deeper than the GAU depth. In the future, submit this request prior to drilling as required by Rule 13. Please submit to jeffery.morgan@rrc.state.tx.us, thank you.</scott.rosenquist@rrc.state.tx.us>	0	the permitted injection interval of 9720-9860 feet. Please advise as to how the	Rosenquist, Scott	Published (02/24/2015)	APACHE CORPORATION	Moughon, Debbie	128527
Smith, Christine APACHE CORPORATION Published (03/11/2015) Lewis, Kayleigh 316' over the GAU depth- only allowed to drill up to 200' deeper than the GAU depth. In the future, submit this request prior to drilling as required by Rule 13. Please submit to jeffery.morgan@rrc.state.tx.us, thank you.	0	casing annulus to be successfully pressure-tested. It will be necessary to indicate on page 5 of the W-2 what down-hole work was done to achieve isolation of	Rosenquist, Scott	Published (02/24/2015)	APACHE CORPORATION	Moughon, Debbie	128527
	0	316' over the GAU depth- only allowed to drill up to 200' deeper than the GAU depth. In the future, submit this request prior to drilling as required by Rule 13.	Lewis, Kayleigh	Published (03/11/2015)	APACHE CORPORATION	Smith, Christine	128115
128006 Smith, Christine APACHE CORPORATION Published (02/20/2015) Haynes, Danielle Please be advised that an acreage list will also be required along with the P-15 and lease plat	0	please be advised that an acreage list will also be required along with the P-15 and lease plat	Haynes, Danielle	Published (02/20/2015)	APACHE CORPORATION	Smith, Christine	128006

### Respond to the Message





#### **Contact Us**



# For immediate assistance please call the Well Compliance (Proration) main phone number.

**512-463-6975** 

**基 512-463-6955** 

prorationunit@rrc.texas.gov

www.rrc.texas.gov

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